



Application// Control Number: 10/ 568, 192
Art Unit: 3753

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Dated 9th July 2009

To,
United States Patent and Trademark Office,
Randolph Building,
401, Dulany Street, Alexandria, VA 22314,
The United States of America

Dear Sir,

Subject: Response to the Examination Report.
Reference: Application Numbered 10568192
Applicant: Padam Singh
Examiner: John Rivel
Art Unit: 3753
PCT Number: PCT/IN2004/000243
Title: A LIQUID SEAL FOR RECOVERING FLARED GAS

The following is requested be taken as my response to the Examination report:

1. Considering the documents cited, I agree with the examiner that Claim 1 and Claim 2 do not seem to consist of a patentable matter in totality. I thus propose to not claim the disclosure shown in the Claim 1 (a) and Claim 1 (b), while limiting my claim to the statements below the Claim 1 (b). I propose to totally delete Claim 2.
2. I propose to amend the Claim 3, which shall be renumbered as Claim 1 due to the deletion of originally numbered Claim 1 & 2, as follows:

A device comprising of:

- a bent tube of U shape, such U-tube having one arm connected to the pipe collecting all the vented gas released from the plant, and other arm connected to a liquid holder;
- b. a pipe, fitted with a non-return valve, connecting the bottom of the liquid holder to the bottom of the U-tube;

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- c. the top of the liquid holder connected to the piping leading to the flare stack;
wherein there is provided a piping connecting the tip of one arm of the U-tube to the pipe connecting top of the liquid holder; the U-tube and the liquid holder forming a structure so as to form the only passage available for the gas to escape from the plant to the flare stack; such gas escaping from the plant to the flare only when the liquid in the said U-tube has been completely displaced into the liquid holder due to the pressure applied by such escaping gas.

The statement

- a. a bent tube of U shape, such U-tube having one arm connected to the pipe collecting all the vented gas released from the plant, and other arm connected to a liquid holder;
- b. a piping, fitted with a non-return valve, connecting the bottom of the liquid holder to the bottom of the U-tube;
- c. the top of the liquid holder connected to the piping leading to the flare stack; provides a description of the construction of the liquid seal and is not intended to be claimed, while the part of the statement wherein there is provided a piping connecting the tip of one arm of the U-tube to the pipe connecting top of the liquid holder; the U-tube and the liquid holder forming a structure so as to form the only passage available for the gas to escape from the plant to the flare stack; such gas escaping from the plant to the flare only when the liquid in the said U-tube has been completely displaced into the liquid holder due to the pressure applied by such escaping gas has been taken from the original Claim 1 as I believe this feature is novel and my intention is to claim this novelty.

3. I propose to amend the Claim 4 (f) whereby the word restricted is deleted as an orifice described in the specification is understood to be controllable. The Claim 4 shall now be renumbered as Claim 2 and the Claim 2 (f) now reads: a second pipe means originating from between the said second KOD means and the second liquid seal means carrying the gas to the recovery means; such second pipe means provided with a orifice to control the flow of gas from within it to the said recovery means.

4. The Claims 5 & 6 have been renumbered as Claim 3 and Claim 4 and are exactly as originally filed but corrected to depend on the new Claim 2.

5. I propose to delete the original Claim 7 as it does not define the invention in any technical term.



6. I further wish to cancel the **POWER OF ATTORNEY** given to my attorneys and shall be further prosecuting the application myself.
7. I wish all communication to be sent to the following address in The United States of America:

Shikhar Singh,
916 West Victoria Ave.,
Apt # 208, Montebello,
Ca- 90640,
United States of America.

8. Other than the changes brought about in this document, I wish USPTO to consider the application as amended at International stage under Article 34 of PCT.
9. A Claims sheet consisting all FOUR Claims accompanies this submission as placed at Annexure- A.
10. I have changed my residence in India and the address appearing on the records of USPTO needs to be changed. My new address in India is:

Padam Singh,
C – 704, Harshvardhan,
185, Saki Vihar Road, Andheri (East),
Bombay - 400072,
India

I hope that the Office shall be satisfied with our arguments presented here and prosecute the application further.

With Regards,



Padam Singh
(Applicant)